

SYSTEM AND METHOD FOR TREATMENT OF HAZARDOUS MATERIALS,  
E.G., UNEXPLODED CHEMICAL WARFARE ORDINANCE

ABSTRACT OF THE DISCLOSURE

Systems and methods for treating hazardous materials are disclosed. One exemplary implementation provides a system for rendering chemical weapons materiel less hazardous. This system includes a detonation chamber, an expansion chamber, and an emission treater adapted to treat gas from detonation of the chemical weapons materiel. The emission treater yields a substantially dry residual waste stream and a treated gas suitable for venting to atmosphere. The emission treater may treat the gas with an alkaline powder that interacts with the gas, producing the residual waste stream.